



Current Addendums

DIVISION OF BRIDGE

LRFD Bridge Design Guidelines

Revision: April 2005
To: Section 2.5
Date: April 08, 2005

The following revised sheets are to be inserted into the LRFD Bridge Design Guidelines.
This cover sheet is for information only and need not be retained.

General Quantities – Section 2.5

<u>Page</u>	<u>Date</u>	<u>Description</u>
1-3	March 2005	Added pay item for Seal Coat, Grade C.
1-4	Jan. 2005	No change printed on back of 1-3.
1-7	Jan. 2005	Updated to show pay items that are now in effect.
1-8	Jan. 2005	No change printed on back of 1-7.
1-9	Jan. 2005	Updated to show pay items that are now in effect.
1-10	Jan. 2005	No change printed on back of 1-9.
1-13	Jan. 2005	Updated to show pay items that are now in effect.
1-14	Jan. 2005	No change printed on back of 1-13.
1-15	March 2005	Updated to show pay items that are now in effect.
1-16	Jan. 2005	Updated to show pay items that are now in effect.
1-17	March 2005	Updated to show pay items that are now in effect.
1-18	Jan. 2005	Updated to show pay items that are now in effect.
2.1-7	Jan. 2005	Revised note for Seal Coat to add Grade C.
2.1-8	Jan. 2005	No change printed on back of 2.1-7.

DIVISION OF BRIDGE

LRFD Bridge Design Guidelines

Revision: April 2005
To: Section 3.30
Date: April 08, 2005

The following revised sheets are to be inserted into the LRFD Bridge Design Guidelines.
This cover sheet is for information only and need not be retained.

General Superstructure – Section 3.30

<u>Page</u>	<u>Date</u>	<u>Description</u>
1.5-7	March 2005	Added deck cracking check note.
1.5-8	Jan. 2005	No change printed on back of 1.5-7.
1.7-4	March 2005	No change printed on front of 1.7-5.
1.7-5	March 2005	Corrected 9" slab to 8 ½" slab.
1.7-6	March 2005	Corrected 9" slab to 8 ½" slab.
1.8-1	Jan. 2005	No change printed on back of 1.7-6.
2.2-1	March 2005	No change printed on front of 2.2-2.
2.2-2	Jan. 2005	Corrected drafting error.
2.2-3	March 2005	Corrected bar callout "S" to "P1".
2.2-4	March 2005	No change printed on back of 2.2-3.

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LRFD Bridge Design Guidelines

Revision: April 2005
To: Section 3.32
Date: April 08, 2005

The following revised sheets are to be inserted into the LRFD Bridge Design Guidelines.
This cover sheet is for information only and need not be retained.

Protective Barricades – Section 3.32

<u>Page</u>	<u>Date</u>	<u>Description</u>
2.3-1	Jan. 2005	No change printed on front of 2.3-2.
2.3-2	Jan. 2005	Corrected 9" slab to 8 ½" slab.
2.9-1	Jan. 2005	No change printed on front of 2.10-1.
2.10-1	Jan. 2005	Corrected 9" slab to 8 ½" slab.
2.11-1	Jan. 2005	No change printed on front of 3.1-1.
3.1-1	March 2005	Corrected reference page number.

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LRFD Bridge Design Guidelines

Revision: April 2005
To: Section 3.35
Date: April 08, 2005

The following revised sheets are to be inserted into the LRFD Bridge Design Guidelines.
This cover sheet is for information only and need not be retained.

Expansion Devices – Section 3.35

<u>Page</u>	<u>Date</u>	<u>Description</u>
3.4-2	Jan. 2005	No change printed on front of 3.5-1.
3.5-1	Jan. 2005	Corrected 9" slab to 8 ½" slab.
5.9-1	Jan. 2005	Corrected 9" slab to 8 ½" slab.
6.1-1	Jan. 2005	No change printed on back of 5.9-1.

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LRFD Bridge Design Guidelines

Revision: April 2005
To: Section 3.76
Date: April 08, 2005

The following revised sheets are to be inserted into the LRFD Bridge Design Guidelines.
This cover sheet is for information only and need not be retained.

Concrete Pile Cap Non-Integral End Bents – Section 3.76

<u>Page</u>	<u>Date</u>	<u>Description</u>
2.3-1	Jan. 2005	No change printed on front of 2.3-2.
2.3-2	Jan. 2005	Revised live load surcharge information.
3.1-1	Jan. 2005	No change printed on front of 3.2-1.
3.2-1	Jan. 2005	Corrected layout length.
3.2-2	Jan. 2005	Corrected layout length.
3.2-3	Jan. 2005	Corrected layout length.
3.2-8	Jan. 2005	Corrected drafting error.
3.3-1	Jan. 2005	Revised wing brace details.

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LRFD Bridge Design Guidelines

Revision: April 2005
To: Section 3.77
Date: April 08, 2005

The following revised sheets are to be inserted into the LRFD Bridge Design Guidelines.
This cover sheet is for information only and need not be retained.

Concrete Pile Cap Integral End Bents – Section 3.77

<u>Page</u>	<u>Date</u>	<u>Description</u>
3.1-1	Jan. 2005	No change printed on front of 3.2-1.
3.2-1	Jan. 2005	Revised wing brace details.
3.3-1	Jan. 2005	Corrected layout length.
3.3-2	Jan. 2005	Corrected layout length.
3.4-1	Jan. 2005	Corrected layout length.
3.4-2	Jan. 2005	Corrected layout length.

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LRFD Bridge Design Guidelines

Revision: April 2005
To: Section 4.0
Date: April 08, 2005

The following revised sheets are to be inserted into the LRFD Bridge Design Guidelines.
This cover sheet is for information only and need not be retained.

Office Notes – Section 4.0

<u>Page</u>	<u>Date</u>	<u>Description</u>
H1-A	Jan. 2005	No change printed on front of H1-B.
H1-B	Jan. 2005	Changed “50#” to “30#” roofing felt on note H1.10.
J1-A	Jan. 2005	Added bond breaker information to note J1-13.
J1-B	Jan. 2005	No change printed on the back of J1-A.

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LRFD Bridge Design Guidelines

Revision: April 2005
To: Section 8.1
Date: April 08, 2005

The following revised sheets are to be inserted into the LRFD Bridge Design Guidelines.
This cover sheet is for information only and need not be retained.

Preliminary Design – Section 8.1

<u>Page</u>	<u>Date</u>	<u>Description</u>
2.16-8	Jan. 2005	No change printed on front of 2.16-9.
2.16-9	Jan. 2005	Added “ATT:” and “Route” to letter format.
2.16-10	Jan. 2005	Added “ATT:” and “Route” to letter format.
2.17-1	Jan. 2005	No change printed on the back of 2.16-10.

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LRFD Bridge Design Guidelines

Revision: 3.31-04_21_05
To: Section 3.31
Date: June 06, 2005

The following revised sheets are to be inserted into the LRFD Bridge Design Guidelines.
This cover sheet is for information only and need not be retained.

Bearings – Section 3.31

<u>Page</u>	<u>Date</u>	<u>Description</u>
2.5-4	Jan. 2005	No change printed on front of 2.5-4.1
2.5-4.1	June 2005	Added details showing dimensions used on chart on page 2.5-4
Blank		Printed on front of page 3.1-1
3.1-1	Jan. 2005	No change printed on back of Blank

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LRFD Bridge Design Guidelines

Revision: June 2005
To: Section 4.0
Date: June 06, 2005

The following revised sheets are to be inserted into the LRFD Bridge Design Guidelines.
This cover sheet is for information only and need not be retained.

Office Notes – Section 4.0

<u>Page</u>	<u>Date</u>	<u>Description</u>
H10-A2	Jan. 2005	Added notes H10.13 thru H10.18 (These were removed from H10-C and renamed.) Underlined “horizontal” in note H10.12.1 to show it can be omitted if not applicable.
H10-B	March 2005	Revised note H10.86 for clarification.
H10-C	Jan. 2005	Removed notes H10.92 thru H10.98.
H11-A1	Jan. 2005	No change printed on the back of H10-C.

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LRFD Bridge Design Guidelines

Revision: May 13, 2005
To: Section 8.1
Date: June 06, 2005

The following revised sheets are to be inserted into the LRFD Bridge Design Guidelines.
This cover sheet is for information only and need not be retained.

Preliminary Design – Section 8.1

<u>Page</u>	<u>Date</u>	<u>Description</u>
2.14-1	Jan. 2005	No change printed on front of 2.15-1.
2.15-1	Jan. 2005	Added Preliminary Cost Estimate should be rounded up to nearest thousand dollars.
2.15-1.1	Jan. 2005	Corrected spelling error
2.16-1	Jan. 2005	No change printed on the back of 2.15-1.1.
2.16-10	Jan. 2005	Revised format removed from----- (Duplication)
2.17-1	Jan. 2005	No change printed on back of 2.16-10
2.29-3	Jan. 2005	Added information for request for Final Designer
2.29-4	June 2005	No change printed on back of 2.29-3
3.3-4	Jan. 2005	No change printed on front of 3.3-5
3.3-5	Jan. 2005	Revised sheet to current practice

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LRFD Bridge Design Guidelines

Revision: June, 2005
To: Section 8.1
Date: June 06, 2005

The following revised sheets are to be inserted into the LRFD Bridge Design Guidelines.
This cover sheet is for information only and need not be retained.

Preliminary Design – Section 8.1

<u>Page</u>	<u>Date</u>	<u>Description</u>
2.17-4	Jan. 2005	No change printed on front of 2.18-1.
2.18-1	Jan. 2005	Added note to consider encasing piling in concrete.
2.19	Jan. 2005	No change printed on the front of 2.19-1.
2.19-1	Jan. 2005	Added choice of drilled shaft to type of footings.
2.21-6	Jan. 2005	No change printed on the front of 2.22-1
2.22-1	Jan. 2005	Added information for Design Layout sheet.
2.25-1	Jan. 2005	Changed contact to Assistant State Bridge Engineer.
2.26-1	June 2005	No change printed on back of 2.25-1

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LRFD Bridge Design Guidelines

Revision: Aug. 2005
To: Section 4.0 – Office Notes
Date: Aug. 5, 2005

The following revised sheets are to be inserted into the LRFD Bridge Design Guidelines.
This cover sheet is for information only and need not be retained.

Office Notes – Section 4.0

<u>Page</u>	<u>Date</u>	<u>Description</u>
A1-A	March 2005	Updated Note A1.1 to include 2005 Interims.
A1-B	Jan. 2005	No change printed on back of A1-A.

DIVISION OF BRIDGE

BRIDGE MANUAL ADDENDUM

Revision: Sept. 2005
To: Section 1.2 - Loads
Date: Sept 01, 2005

The following revised sheets are to be inserted into the LRFD Bridge Design Guidelines.
This cover sheet is for information only and need not be retained.

Loads – Section 1.2

<u>Page</u>	<u>Date</u>	<u>Description</u>
4.2-1	Jan. 2005	This revision is implementing following AASHTO for deflection criteria.
4.3-1	Jan. 2005	No change printed on back of 4.2-1.

DIVISION OF BRIDGE

BRIDGE MANUAL ADDENDUM

Revision: Sept. 2005
To: Section 3.43 - Steel Superstructure
Date: Sept 01, 2005

The following revised sheets are to be inserted into the LRFD Bridge Design Guidelines.
This cover sheet is for information only and need not be retained.

Steel Superstructure – Section 3.43

<u>Page</u>	<u>Date</u>	<u>Description</u>
4.5-1	Jan. 2005	No change reprinted on front of 5.1-1
5.1-1	Jan. 2005	This revision is implementing the use of welding in lieu of the current clip angle connection detail at the girder tension flange.
5.1-4	Jan. 2005	This revision is implementing the use of welding in lieu of the current clip angle connection detail at the girder tension flange.
5.2-1	Jan. 2005	This revision is implementing the use of welding in lieu of the current clip angle connection detail at the girder tension flange.
5.2-2	Jan. 2005	This revision is implementing the use of welding in lieu of the current clip angle connection detail at the girder tension flange.
5.2-3	March 2005	No change printed on back of 5.2-2

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LRFD Bridge Design Guidelines

Revision: Sept. 21, 2005
To: Section 8.1
Date: Oct 07, 2005

The following revised sheets are to be inserted into the LRFD Bridge Design Guidelines.
This cover sheet is for information only and need not be retained.

Preliminary Design – Section 8.1

<u>Page</u>	<u>Date</u>	<u>Description</u>
2.14-1	Jan. 2005	No Change printed on front of 2.14-1.
2.15-1	June 2005	Changed Average Prices per Square foot of Deck.
2.16-2	Jan. 2005	Revised number of copies from three to one for Bridge Memo.
2.16-3	Jan. 2005	Revised number of copies from three to one for Bridge Memo.
2.16-4	Jan. 2005	Revised Senior Engineer to Bridge Location and Layout Designer And changed number of copies from three to one.
2.16-5	Jan. 2005	No change printed on back of 2.16-4.
2.16-8	Jan. 2005	No change printed on front of 2.16-9.
2.16-9	April 2005	Reworded note (signed).
2.16-10	April 2005	Reworded note (signed).
2.17-1	Jan. 2005	No change printed on back of 2.16-10.

DIVISION OF BRIDGE

LRFD Bridge Design Guidelines

Revision: Oct. 2005
To: Section 2.5
Date: Oct. 11, 2005

The following revised sheets are to be inserted into the LRFD Bridge Design Guidelines.
This cover sheet is for information only and need not be retained.

General Quantities – Section 2.5

<u>Page</u>	<u>Date</u>	<u>Description</u>
2-1.3	Jan. 2005	No change printed on front of 2.1-4.
2-1.4	Jan. 2005	Removed “If the deck is removed, the top of the top flange shall be included in the area computations.” because it conflicted with Sec 216.50.

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LRFD Bridge Design Guidelines

Revision: Oct. 2005
To: Section 4.0 – Office Notes
Date: Oct. 14, 2005

The following revised sheets are to be inserted into the LRFD Bridge Design Guidelines.
This cover sheet is for information only and need not be retained.

Office Notes – Section 4.0

<u>Page</u>	<u>Date</u>	<u>Description</u>
J1-A	April 2005	Removed “as outlined in the Project Special Provisions” from note J1.9.
J1-B	Jan. 2005	Added “(Responsibility of Bridge Division)” above note J1.15.